

REVISIONS

REV	ZONE	DESCRIPTION	BY	DATE	APPD
—	ALL	INITIAL ISSUE	AMSEC	6/07	
A	ALL	REVISED DRAWING TO INCLUDE EQPT CONTROLLERS	AMSEC	6/26	
B	ALL	DRAWING REVISED TO REFLECT AS-BUILT CONDITIONS BASED ON SHIPCHECK OF 09/07.	AMSEC	10/07	

GENERAL NOTES

1. THE PURPOSE OF THIS DRAWING IS TO SHOW THE MODIFIED GENERAL ARRANGEMENT OF THE SHIP "EX-CAPABLE" AS CONVERTED TO A NOAA RESEARCH SHIP "OKEANOS EXPLORER".

2. ALL WORK (TO INCLUDE MATERIALS, WORKMANSHIP, AND ENGINEERING DESIGNS) SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL MEET APPLICABLE "AMERICA BUREAU OF SHIPPING" (ABS), CFR 46, AND SOLAS REQUIREMENTS.

3. ABBREVIATIONS ARE IN ACCORDANCE WITH ASME Y14.38-1999.

4. ALL FEATURES ARE EXISTING UNLESS NOTED: (N) NEW, (M) MODIFIED, (R) RELOCATED.

5. WHERE EQUIPMENT MANUFACTURER/MODEL IS IDENTIFIED SUBSTITUTIONS MUST BE APPROVED BY NOAA AS HAVING EQUAL SALIENT FEATURES AND QUALITY OF CONSTRUCTION. IN ADDITION, THE PROPOSED SUBSTITUTE MUST BE SHOWN TO BE SUITABLE FOR INTEGRATION INTO THE SYSTEM WITHOUT HAVING A NEGATIVE IMPACT ON THE OVERALL ARRANGEMENT, PERFORMANCE, MAINTENANCE OR ACCESS TO THE SPACE.

6. CLEAR HEAD ROOM IN NORMALLY OCCUPIED SPACES SHALL BE AS HIGH AS POSSIBLE, BUT NOT LESS THAN 6 FEET 9 INCHES.

15	MACHINERY ARRANGEMENT	OE-201-101
14	TRANSDUCER FAIRING STRUCTURAL MODS	OE-165-101
13	TRANSDUCER ARRANGEMENT	OE-461-003
12	SCANTLINGS MAIN DECK AND BELOW	OE-130-101
11	SCANTLINGS ABOVE MAIN DECK	OE-150-101
10	ROV GARAGE ARRANGEMENT & DETAIL	OE-660-101
9	MOORING ARRANGEMENT	OE-582-101
8	FOREMAST	OE-170-101
7	BOW THRUSTER ZONE STRL MODS	OE-100-101
6	ARR STERN THRUSTER RM, TRACTION WINCH RM & SCIENTIFIC STRM	OE-568-101
5	ARRANGEMENT ROV WORKSHIP & DIVE LOCKER	OE-660-102
4	ARRANGEMENT MISSION DECK RIGGING AND EQPT	OE-570-101
3	ARRANGEMENT BOW THRUSTER ELEC MOTOR ROOM	OE-568-102
2	ARRANGEMENT BOAT HANDLING	OE-583-101
1	ANTENNA ARRANGEMENT	OE-405-101

NO	TITLE	DRAWING NO.

REFERENCES

AMSEC LLC
M. ROSENBLATT & SON GROUP
NAVAL ARCHITECTS & MARINE ENGINEERS
BREMERTON, OAKLAND, SAN DIEGO

DESIGNED	NN & SMC	11/06
CHECKED	P. CHIAVETTA	06/07
REVIEWED	G. HABERMAN	06/07
APPROVED	G. HABERMAN	06/07

PROJECT ENGR	DATE
ASST PROG MGR	DATE
PROGRAM MGR	DATE

NOAA SHIP OKEANOS EXPLORER

GENERAL ARRANGEMENT

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
	F OY LJ 5	OE-601-101	B

APPROVED FOR NOAA

SCALE: AS NOTED

CAD FILENAME: OE-601-101.DWG

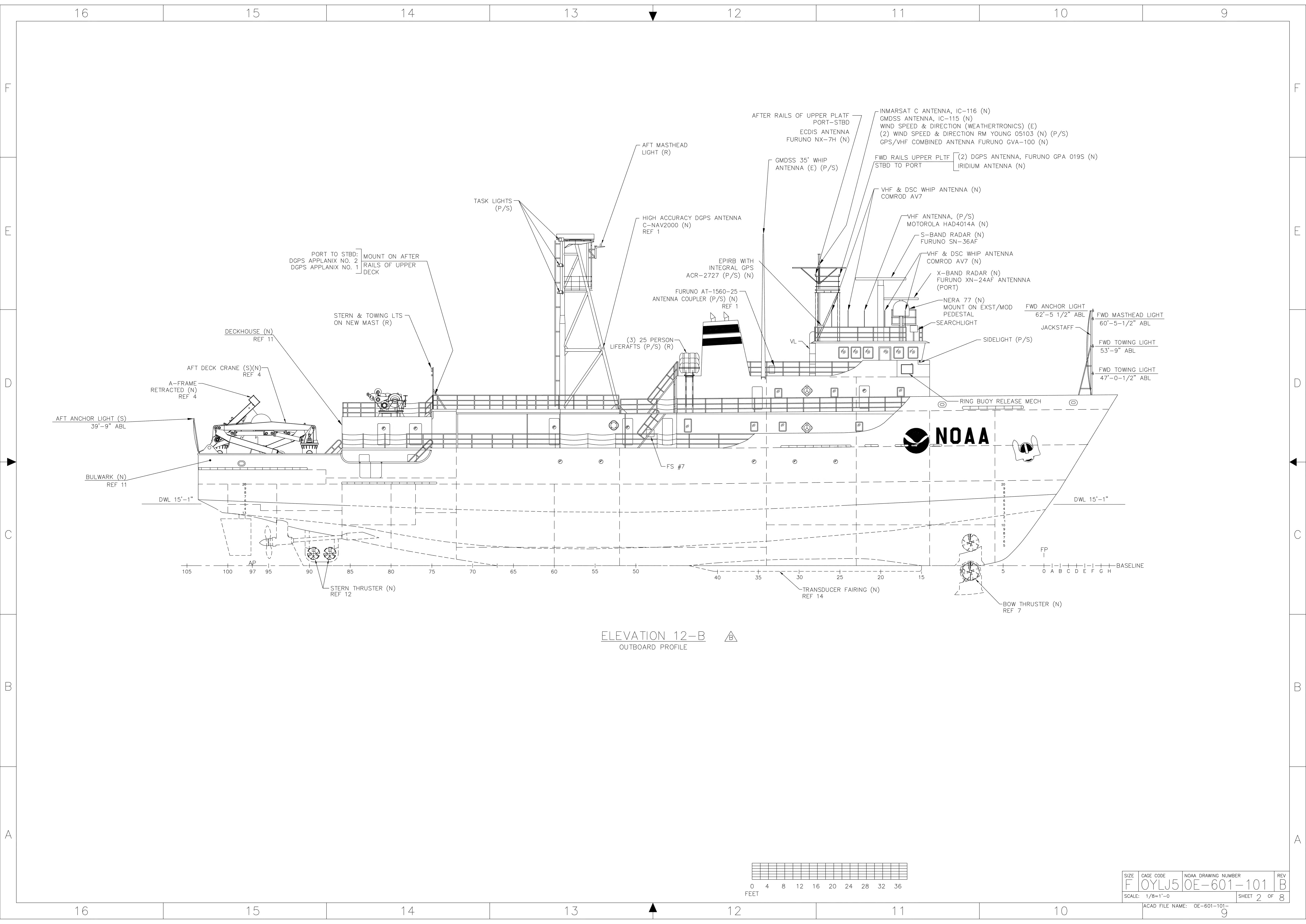
SHEET 1 OF 8

SO FT

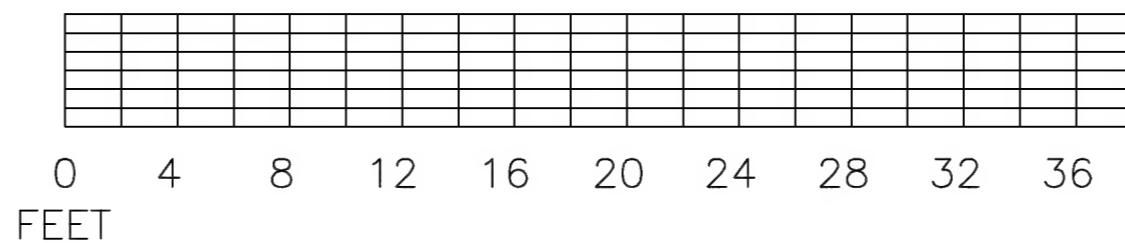
SNUM

OE-601-101

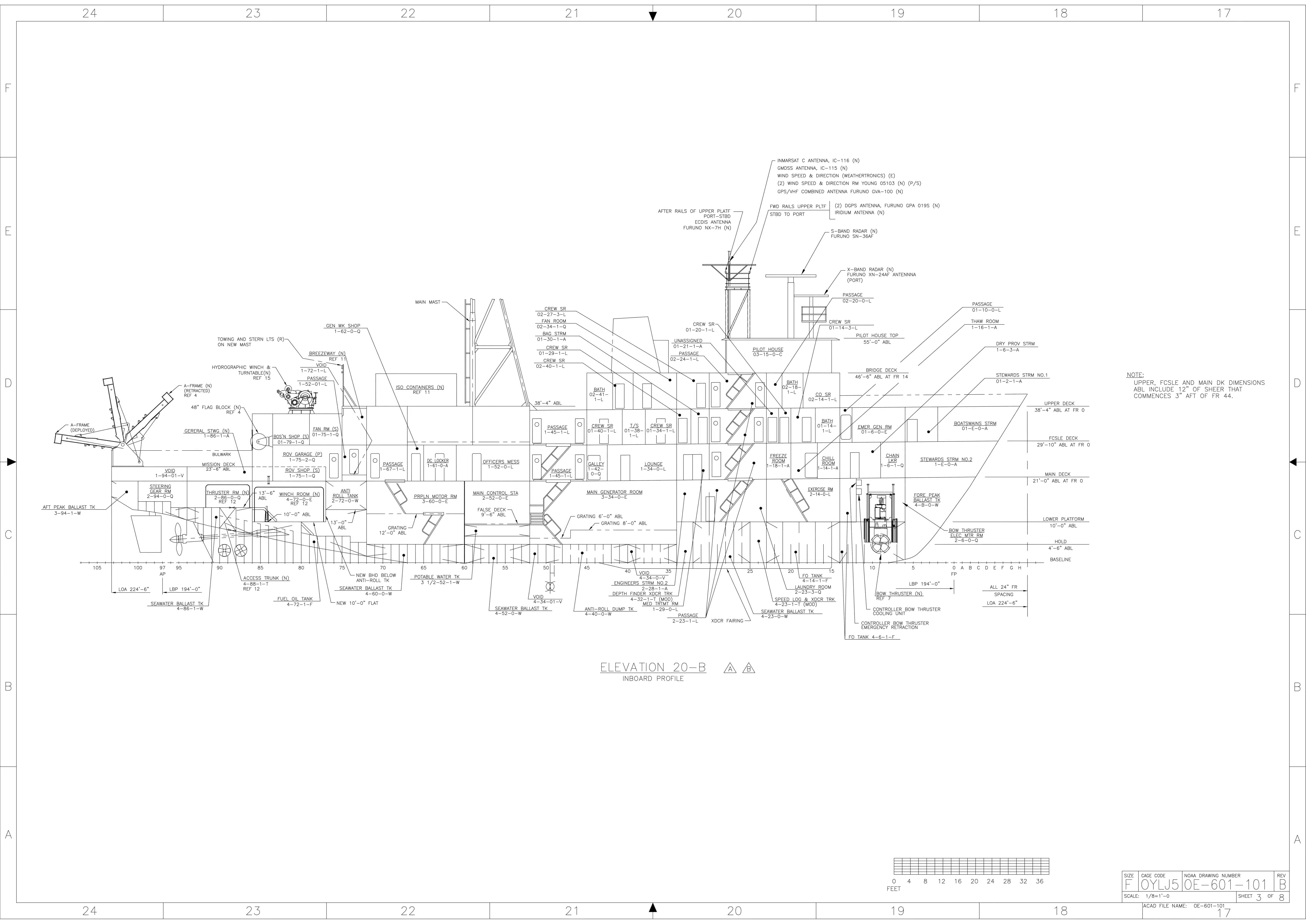
AREA

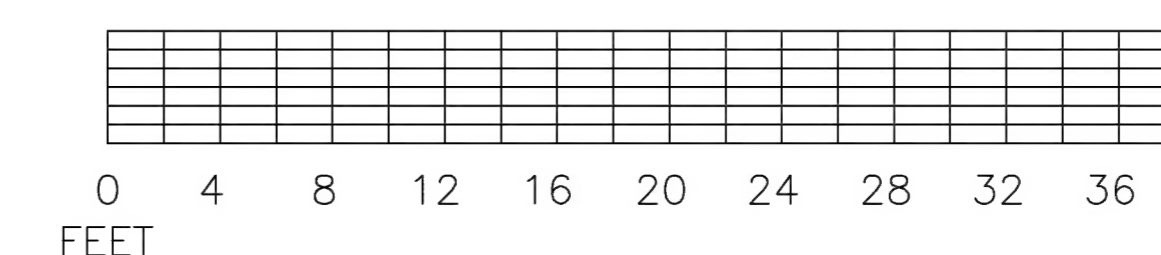
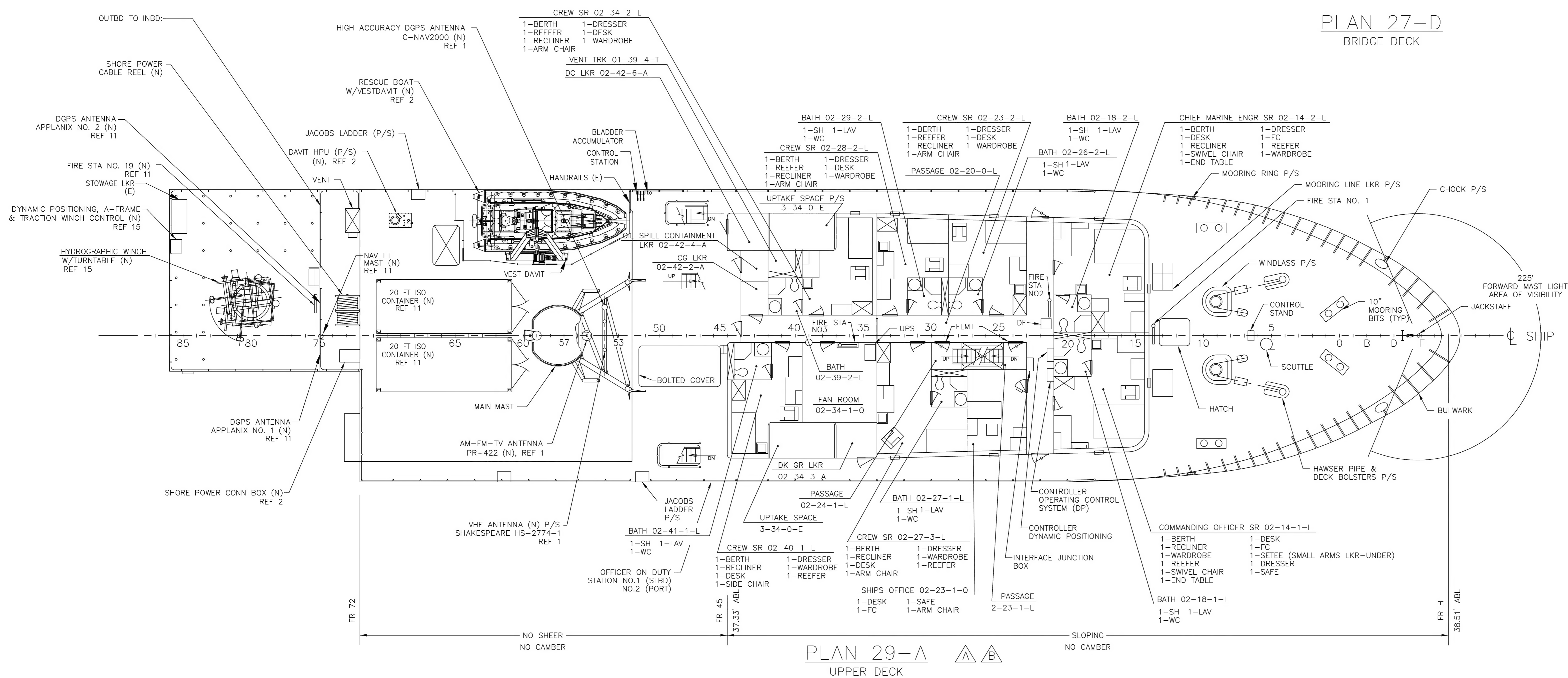
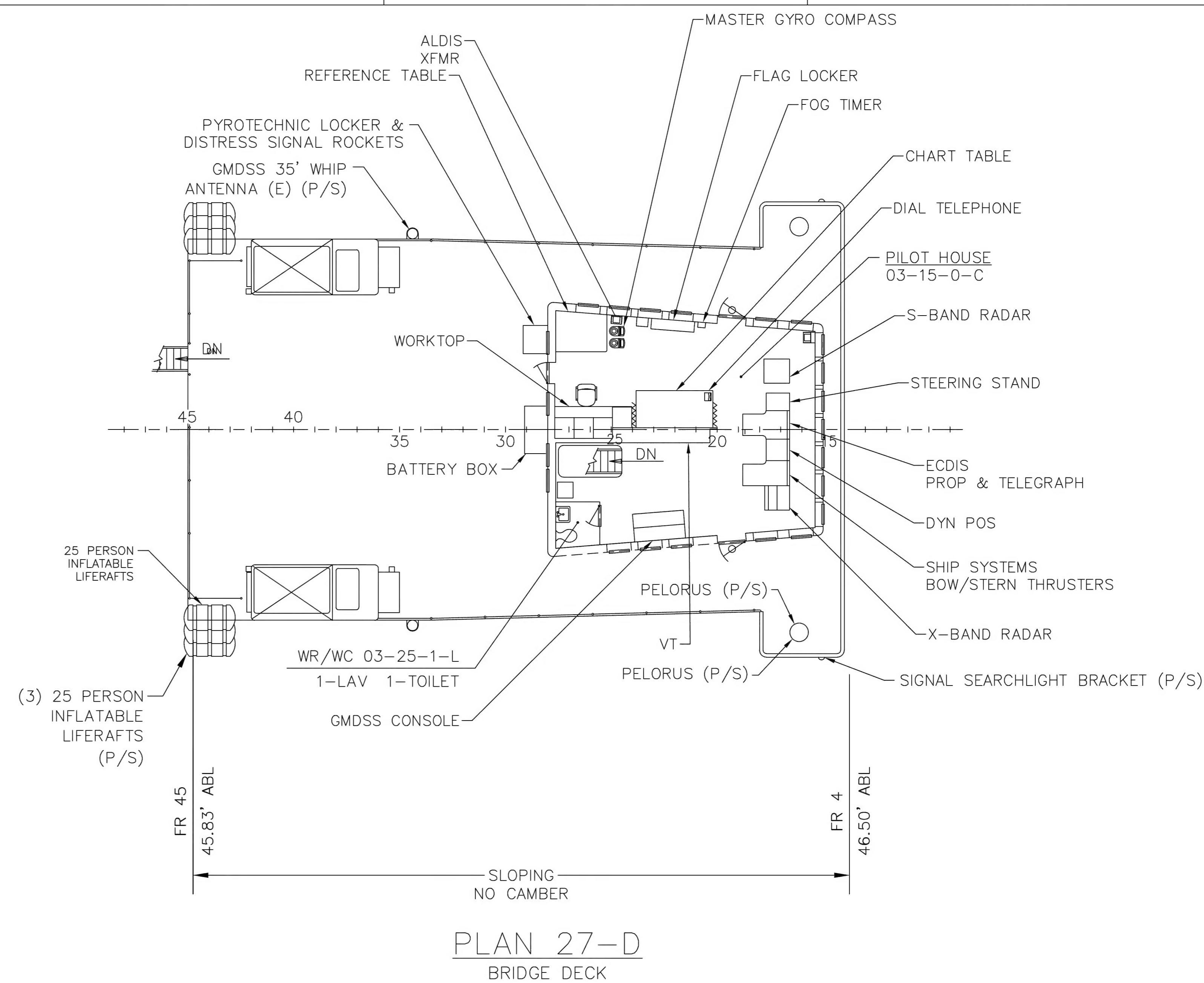
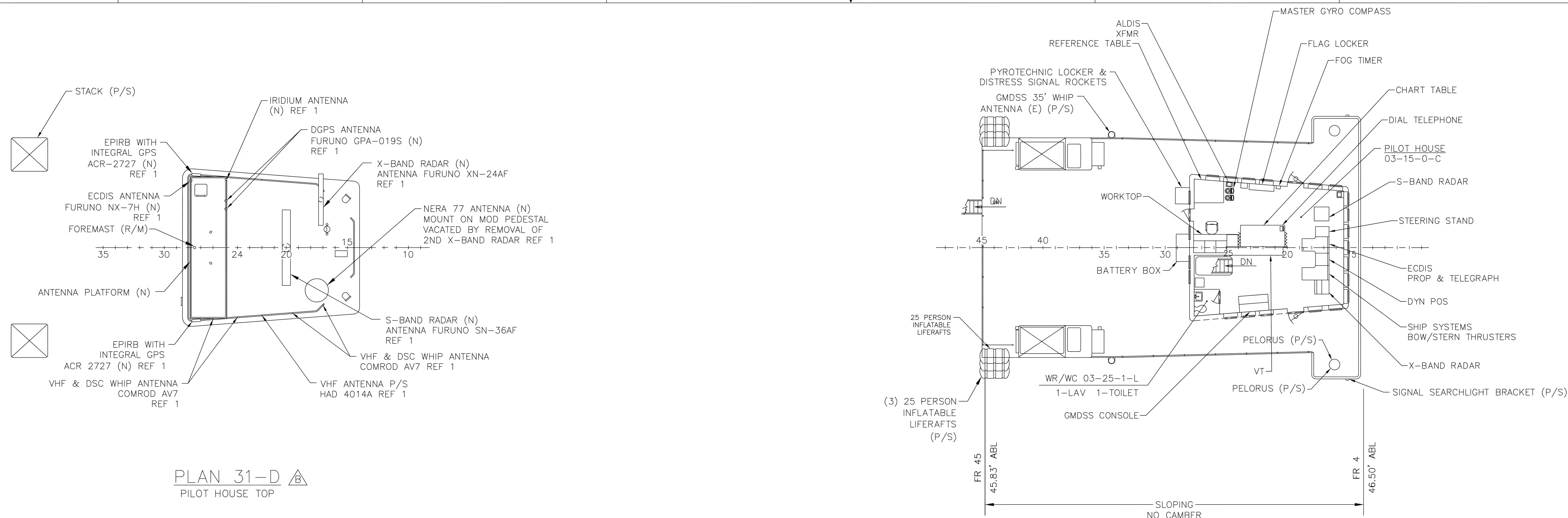


ELEVATION 12-B
OUTBOARD PROFILE

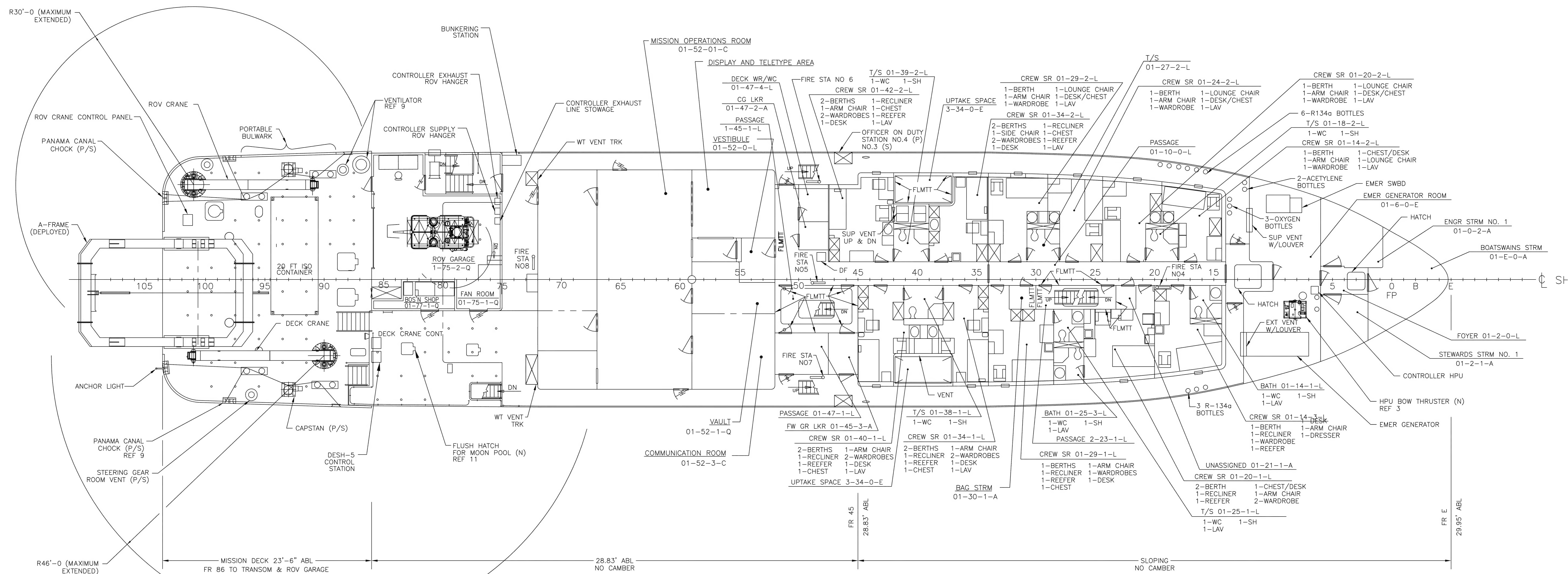


SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	B
SCALE: 1/8"=1'-0"		SHEET 2 OF 8	
ACAD FILE NAME: OE-601-101-9			

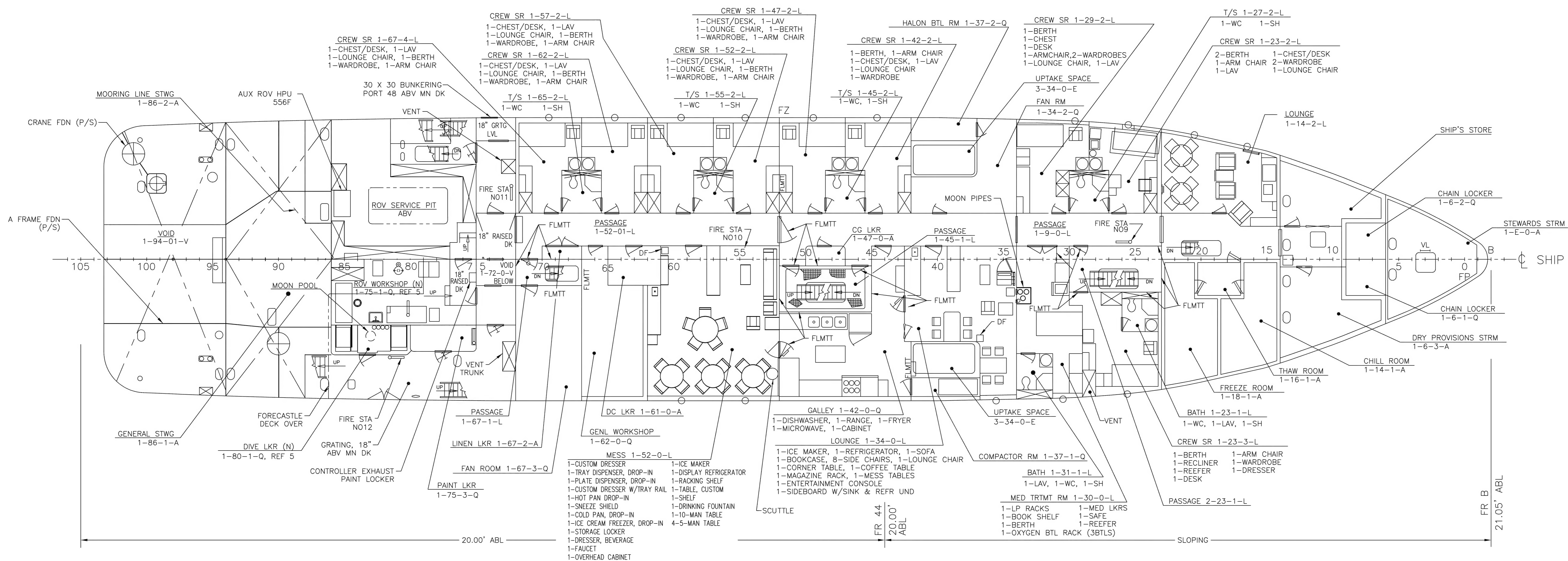




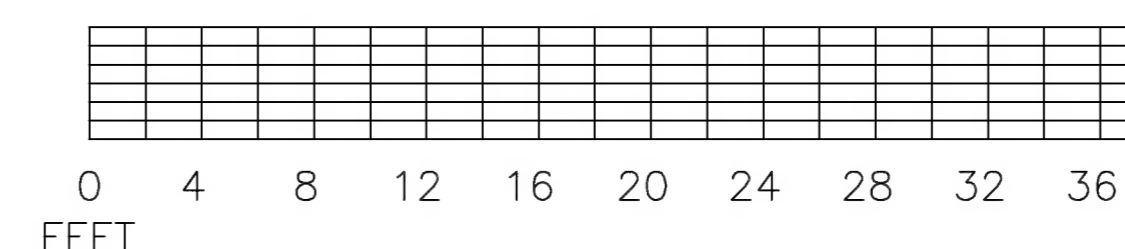
SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	B
SCALE: 1/8"=1'-0"		SHEET 4 OF 8	



PLAN 37-D
FORECASTLE DECK



PLAN 37-A
MAIN DECK



F

E

D

C

B

A

F

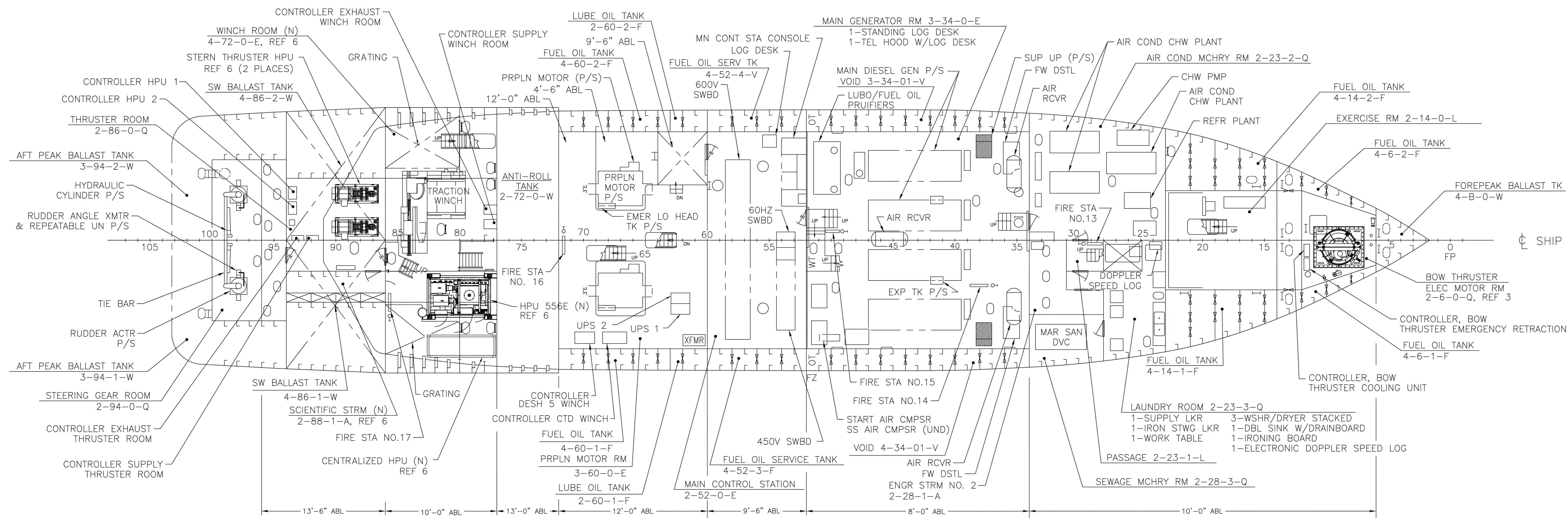
E

D

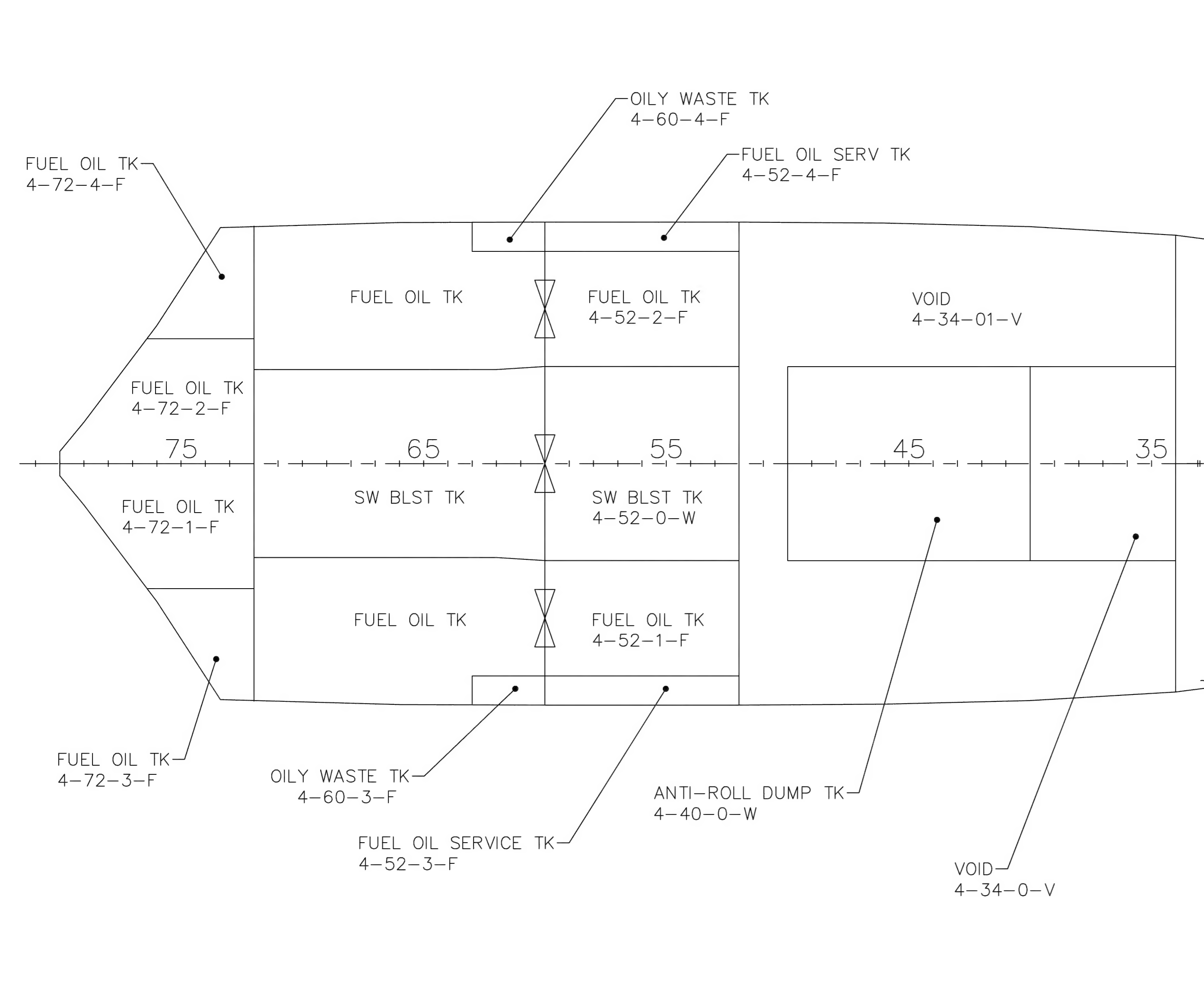
C

B

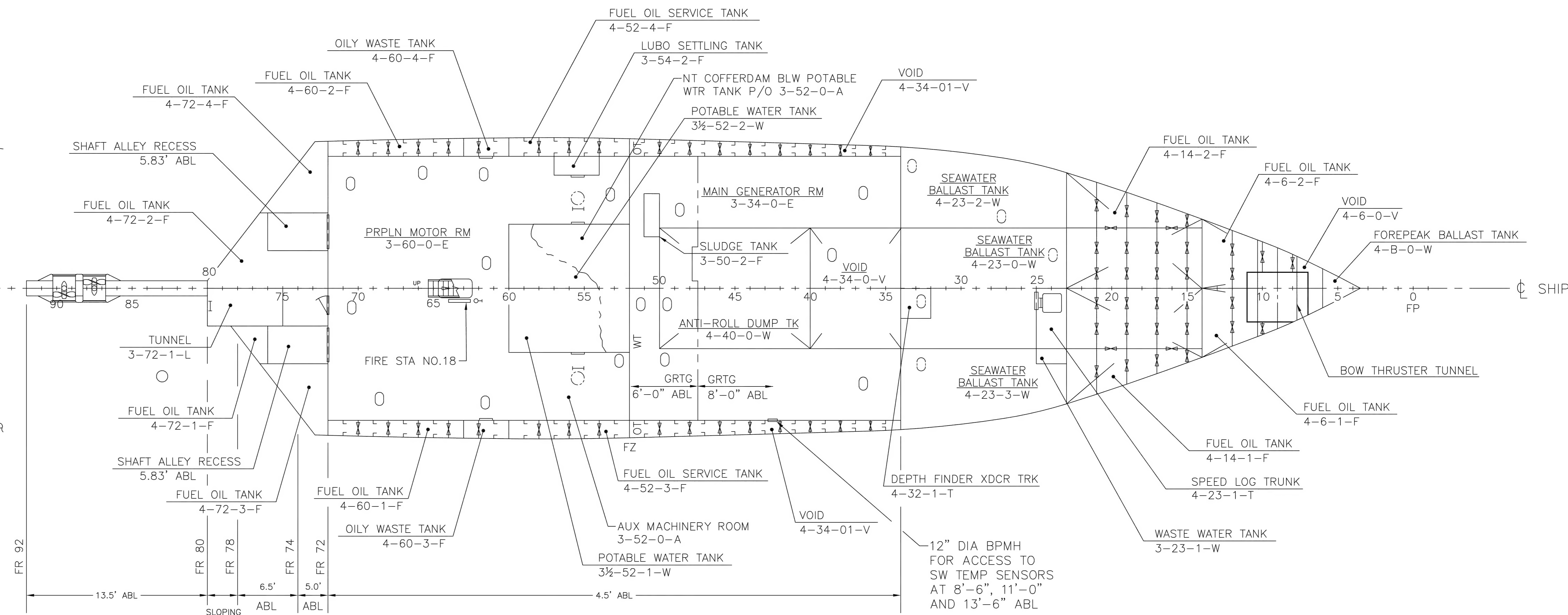
A



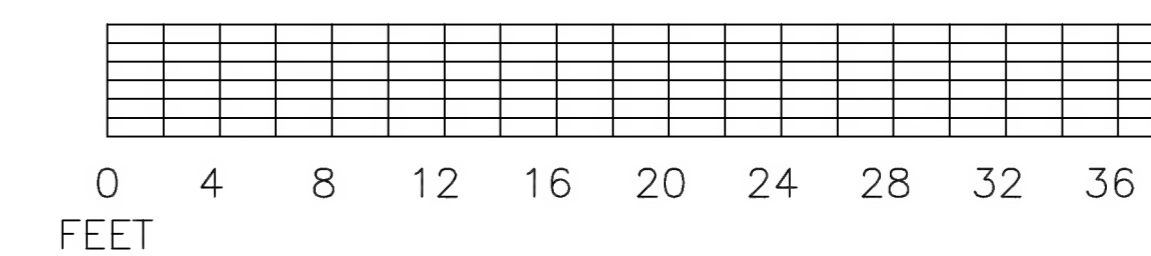
PLAN 45-D
LOWER DECK



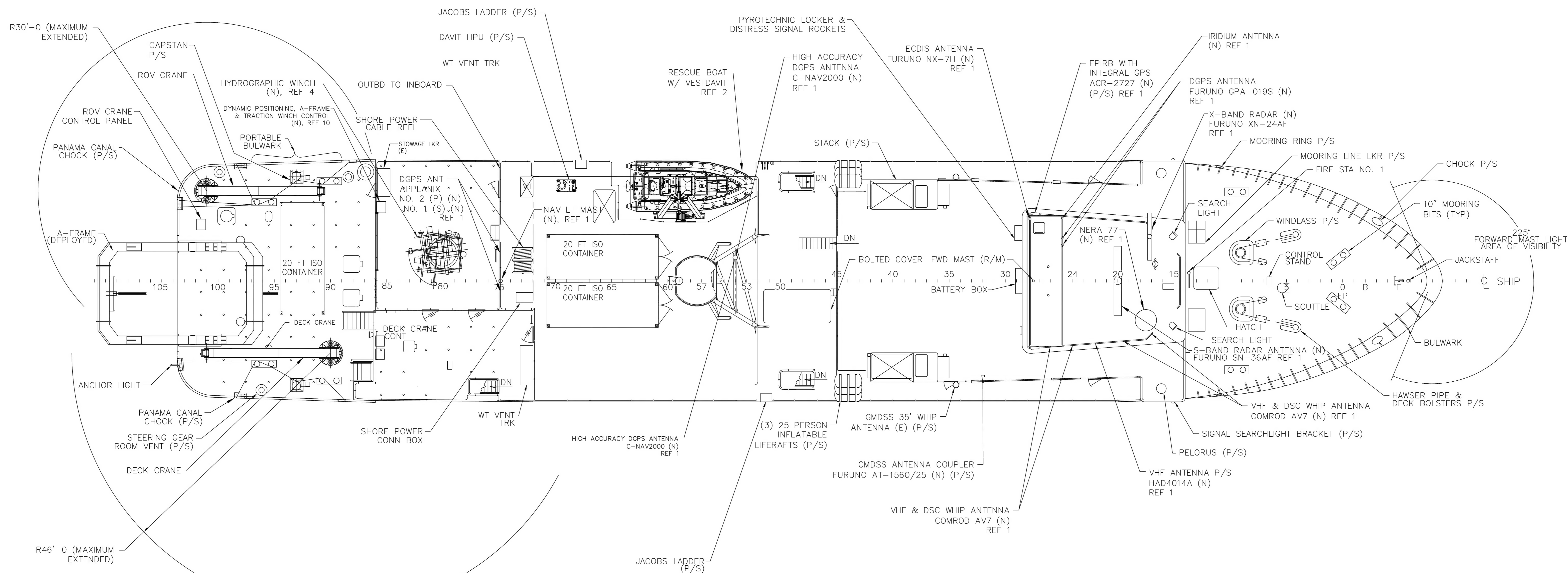
PLAN 47-A
INNERBOTTOM



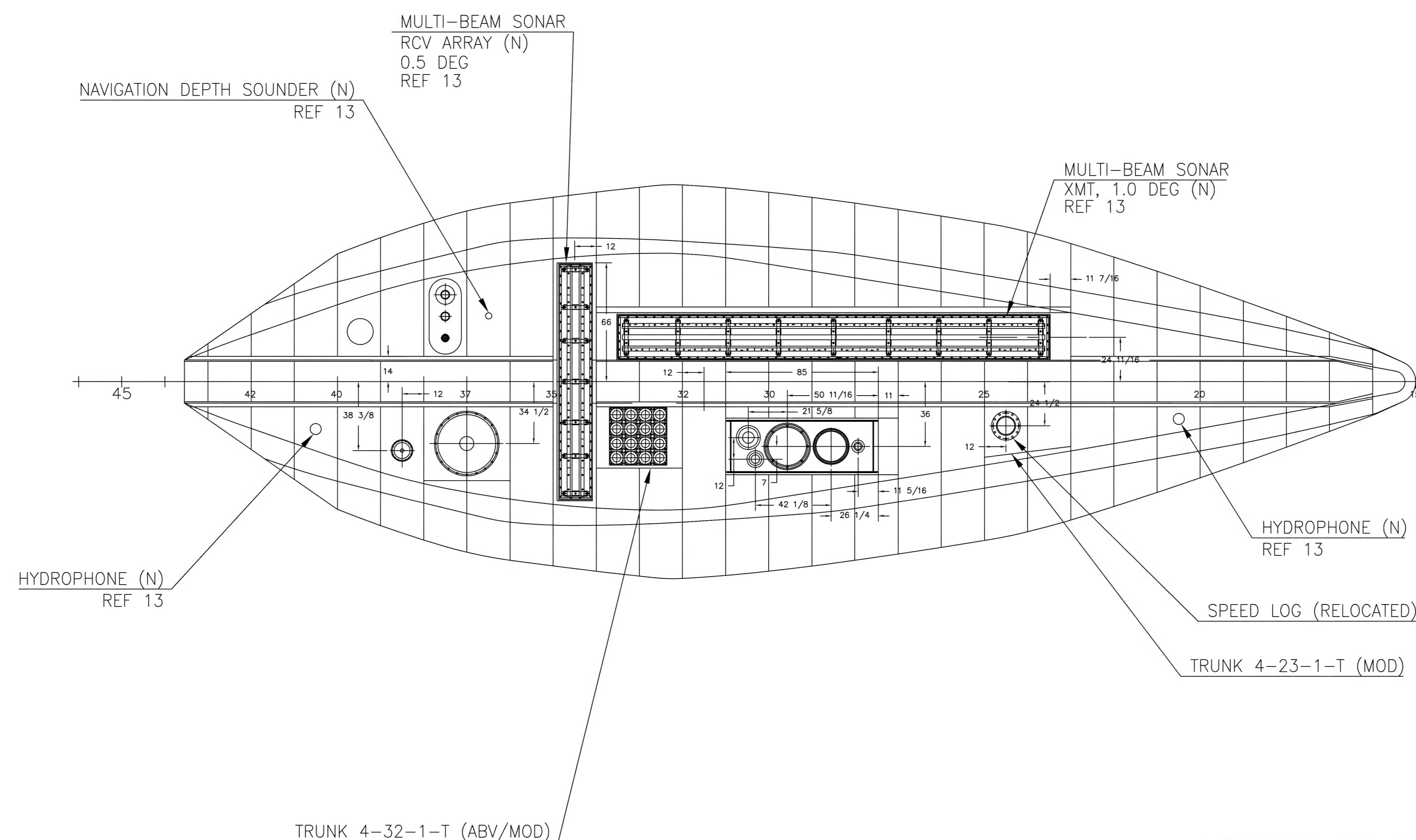
PLAN 44-A
HOLD



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	B
SCALE: 1/8"=1'-0"		SHEET 6 OF 8	
ACAD FILE NAME: OE-601-101			41

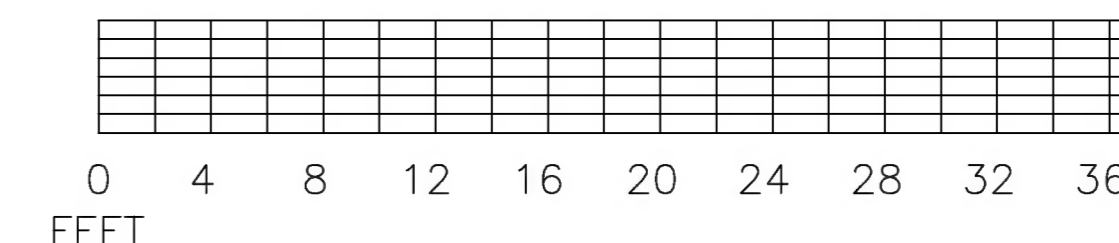


PLAN 52-D
TOPSIDE ARRANGEMENT

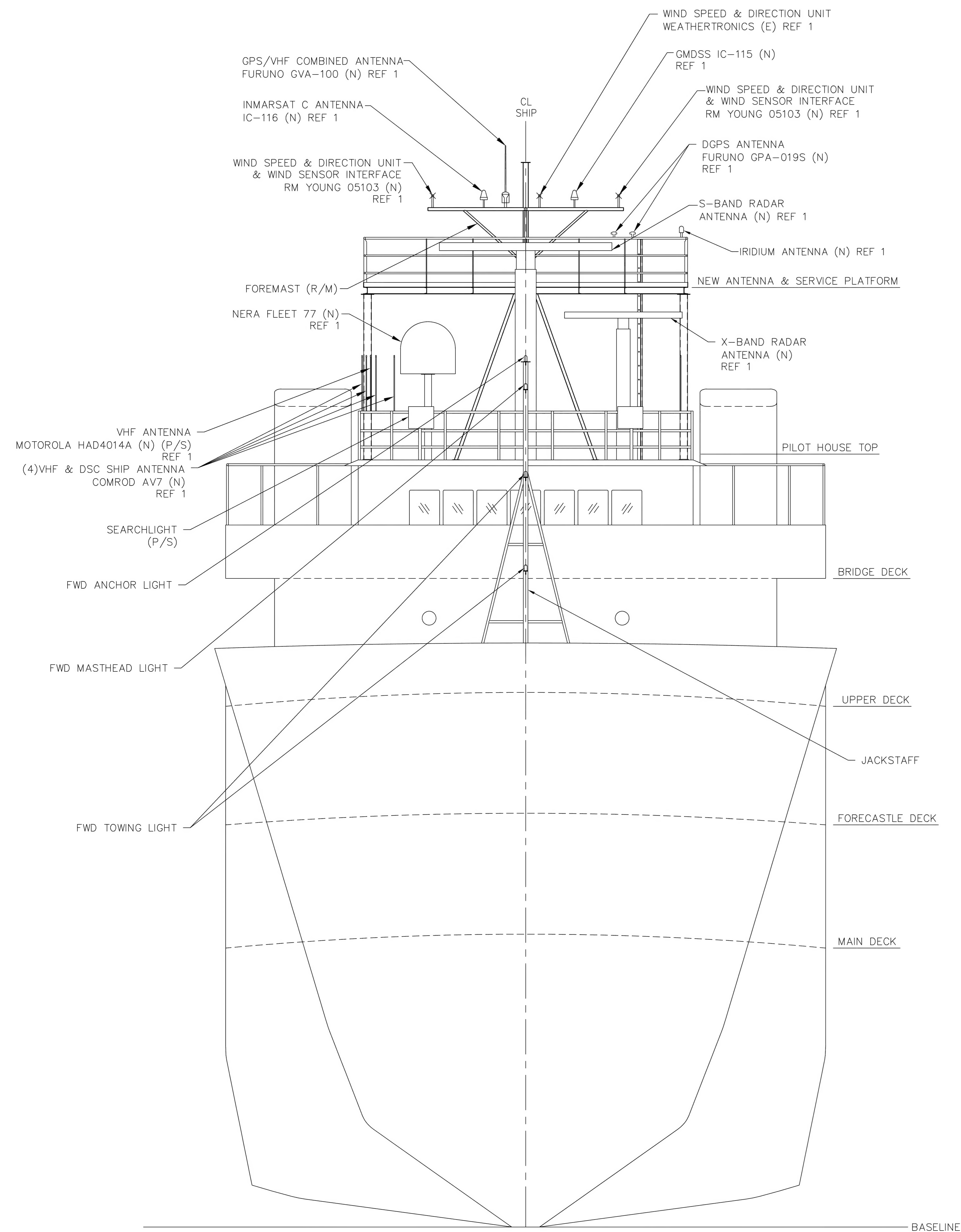


TRANSDUCER FAIRING AS SHOWN BELOW KEEL
SCALE: 1/4"=1'-0"

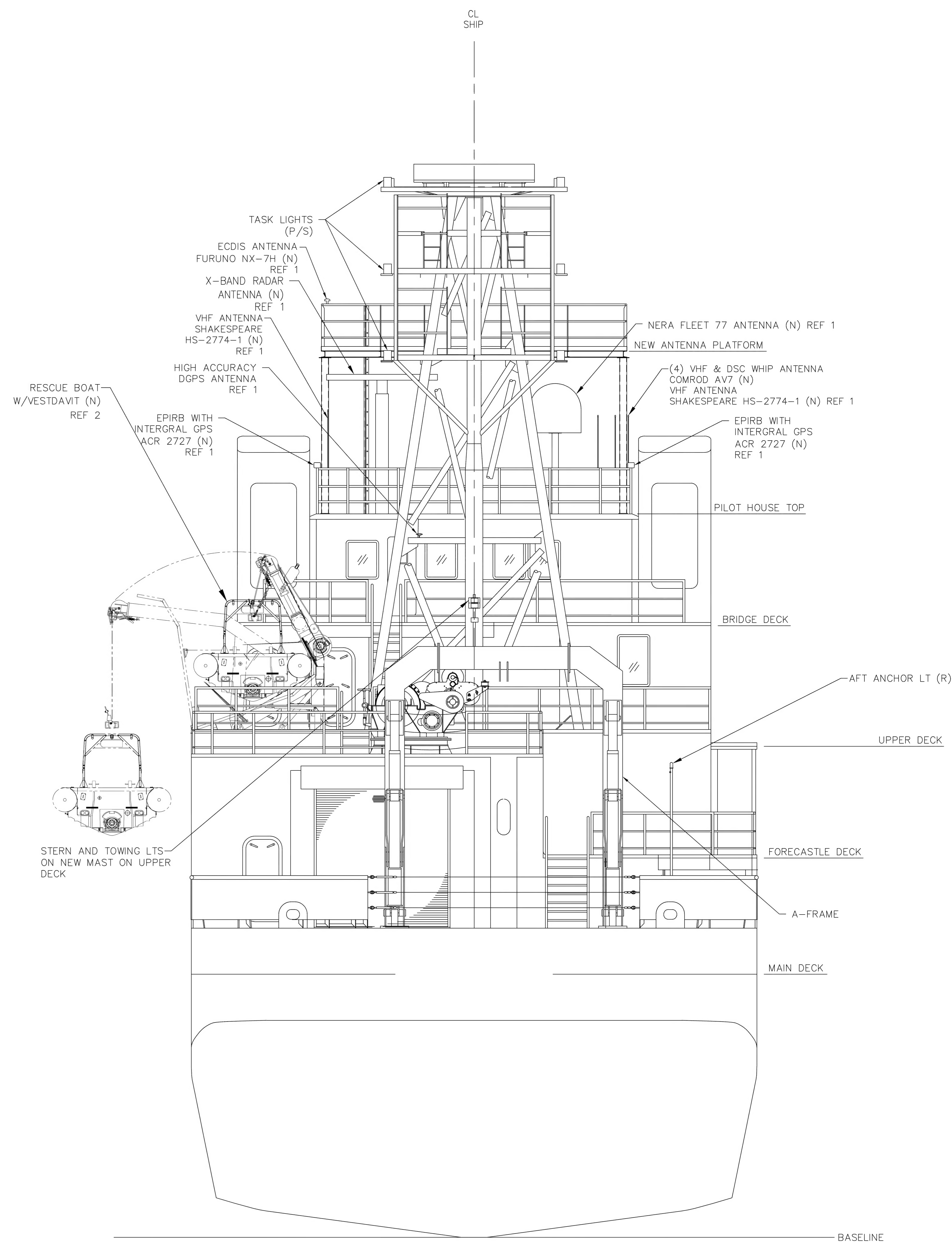
PLAN 52-A
FAIRING ARRANGEMENT



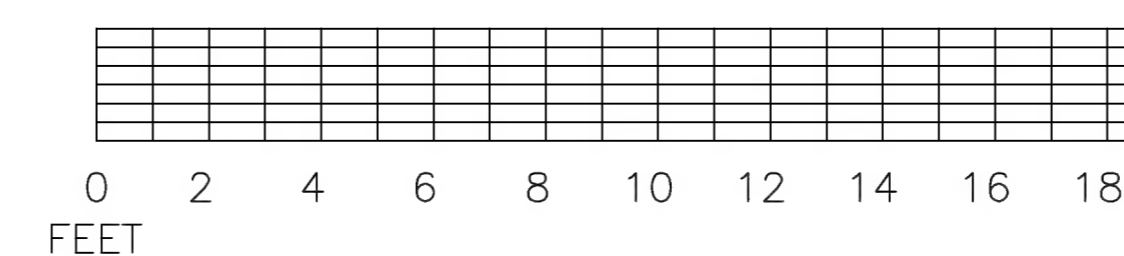
SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	E
SCALE: 1/8"=1'-0" & AS NOTED		SHEET 7 OF 8	



SECTION 62-A 
BOW PROFILE



SECTION 58-A 
STERN PROFILE



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	OE-601-101	B
SCALE: 1/4=1'-0			SHEET 8 OF 8